

PROJECT TITLE : TOBACCO STUDIES
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PERIOD COVERED : January 28th - February 24th, 1981

1. TOBACCO LOT ANALYSES

Introduction of Inputs on EDP

Partial analytical results of eighteen lots were introduced in the PME Analytical Data List.

Lots under Evaluation

Twenty four lots.

Lots available, but not yet analysed

One lot.

2. ASSISTANCE TO OTHER PROJECTS

RCB (1)

Objective

Improvement of the quality of the RCB sheet.

Overview

Two trials were made with a different quality of dust: one at a 40% dust level like the standard production and one at 50%. The analyses are under way.

Savoury

Objective

Creation of a Burley flavour from Ninomass.

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Overview

We received two samples of cut rag: both use the spotless ØS-B-TOT blend. One is the standard, the other is flavoured. The analyses are under way.

Reference Cigarette

Four reference cigarettes were made this month: two with Gamma blends and two with Alfa blends.

3. SPECIAL PROBLEMS

Contamination of Tobacco by Powder

We have received from Mr. Ganniclift three samples of different powders found on the outside of boxes of FC tobacco, Lot No. 1653 from India. The samples have been given to the Research Laboratories for analysis. The black powder seems to be coal, the brown powder sand and the white powder PVC. The contamination could have occurred during storage before shipment or been caused by dirty containers during transportation.

MLK-DB

We have received ten samples of cut tobacco from two batches of MLK-DB (five samples from each batch). The tobacco analyses of TA, RS, N-NO₃, N-NH₃ were made in order to see the regularity of the blending in the primary process.

The results of the analyses are consistent and the variations are within the limit of the variations of the analyses. However, we observe a slight difference between the mean of the TA level of the two batches.

334 ATLANTIC

Objective

Evaluation of a new blend concept for 1983.

Summary

For economical reasons, the old ATLANTIC blend concept is being reviewed. At this time, we are interested in seeing the influence on the blend of a partial replacement of RL by IS.

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Overview

Five different blends were processed:

- Old blend concept: 13% of ET-FC without any stems
- 5% of IS ex München
- 7% of IS ex München
- 5% of IS ex FTR
- 7% of IS ex FTR.

In the beginning, we wanted to add the stem on the ESTHER add-back. A trial was made in order to obtain some FTR cut stems at 12 to 13% moisture content, but too much breakage occurred during the pneumatic transport. As the IS ex München were sent at 19% m.c., we decided to use the normal stem line of the primary.

Cigarettes were made and the analyses are under way.

Reference

- (1) Note from Mr. Karbacher to Miss Joseph - February 18th, 1981.